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MONTANA OIL AND GAS STATISTICAL BULLETIN

STATE DOCUMENTS

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BOARD OF OIL AND GAS CONSERVATION
SAVINGS BLDG.
HELENA, MONTANA 59601

Vol. XXV. No. 4 **APRIL, 1976**

Production of crude oil and condensate from the oil and gas areas of Montana for the Month of April, 1976, averaged 90,233 barrels daily, a decrease of 265 barrels from the average 90,498 production in March.

The seven refineries in the state processed 129,748 barrels of crude oil daily for the month of April, a decrease of 3,074 barrels from the 132,822 barrels processed daily during the month of March.

During April, 87 wells were completed, 16 oil, 30 gas, and 41 dry holes.

During April, the Board issued 51 permits to drill new wells, an increase of 2 from the 49 permits issued during March.

SUMMARY OF CRUDE PRODUCTION, REFINING, STORAGE, ETC. IN MONTANA
MONTH OF APRIL, 1976

IN STORAGE APRIL 1st	
By Producers	312,369
By Transporters	1,326,897
By Refiners	1,202,879
TOTAL STORAGE	2,842,145
Produced in Montana During Month	2,706,999
Imported During Month	3,202,900
TOTAL	8,752,044
DISPOSITION:	
Refined in Montana	3,892,438
Exported	1,935,153
Used for Fuel or Lost	4,082
TOTAL	5,831,673
IN STORAGE APRIL 30th	
By Producers	322,389
By Transporters	1,237,846
By Refiners	1,360,136
TOTAL STORAGE	2,920,371

NATURAL AND ASSOCIATED GAS WITHDRAWALS IN MONTANA
Month of April, 1976

Field	M. C. Ft.
NATURAL:	
Bear's Den	1,296
Big Coulee	110,788
Black Coulee	5,868
Blackjack	37,303
Bowdoin	554,839
Bowes	75,998
Brown's Coulee	4,843
Canadian Coulee	10,713
Cedar Creek	147,256
Coal Coulee	7,326
Cut Bank (including Reagan)	305,676
Dry Creek	70,465
Ethridge	7,574
Flat Coulee	15,189
Fresno	12,740
Grandview	16,290
Hardin	2,889
Keith Block	117,132
Kevin Sunburst	43,363
Kicking Horse	2,200
Kinyon Coulee Area	12,941
Lake Basin	58,619
Liscom Creek	23,359
Middle Butte	1,694
Middle Dry Creek	4,704
Mt. Lilly	25,275
North Clark Fork	6,473
Plevna	4,292
Pumpkin Creek	85,405
Rapelje	51,263
Sherard	136,081
Strawberry Creek Area	5,987
South Clark Fork	3,764
South Devon	9,866
Tiger Ridge	1,155,652
Trail Creek	12,901
Utopia	46,548
West Butte	12,612
Whitlash	79,187
ASSOCIATED:	
Bell Creek	50,069
Cabin Creek	43,589
Elk Basin	29,085
Fairview	41,544
Glendive	200
Pine	35,943
Richland	47,270
Tule Creek	5,293
TOTAL	3,539,364

Total withdrawals for April, 1975 were 3,198,695 MCF.

PRODUCERS REPORT—MONTH OF APRIL, 1976

Leases	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
4	Arch Apex	6	1006	1,969	----	1,238	----	1,737
3	Ash Creek	3	456	584	----	530	----	510
1	Bainville	1	2,284	162	----	917	----	1,529
....	Bannatyne	----	403	----	----	----	----	403
5	Bear's Den	6	1,183	928	----	610	----	1,501
16	Bell Creek	184	17,087	693,103	691,336	----	----	18,854
1	Benrud	1	189	203	----	----	----	392
3	Benrud East	3	1,425	14,053	----	13,620	----	1,858
1	Benrud Northeast	1	506	1,377	----	1,285	----	598
1	Berthelote	1	142	102	----	----	----	244
3	Big Muddy Creek	4	3,327	30,892	32,345	----	----	1,874
5	Big Wall	14	842	5,953	5,404	----	----	1,391
4	Blackfoot	5	421	1,699	1,045	----	----	1,075
4	Border	8	3,339	777	----	1,026	----	3,090
1	Bowes	51	4,248	10,345	11,030	----	----	3,563
1	Bradley	1	361	814	410	----	----	765
2	Brady	2	----	301	301	----	----	----
4	Brorson-Madison	4	643	2,363	----	2,300	----	706
5	Brorson-Red River	5	5,478	3,416	----	3,148	----	5,746
3	Brorson-Red River South	3	914	6,232	----	5,262	----	1,884
5	Brush Lake	5	797	9,700	9,166	----	----	1,331
1	Burns Creek	1	392	818	----	800	----	410
2	Cabin Creek	84	----	142,942	142,942	----	----	----
1	Canal	1	585	1,498	----	1,772	----	311
9	Cat Creek	49	1,908	9,910	9,522	----	----	2,296
1	Clark's Fork	1	11	178	----	----	----	189
1	Clark's Fork North	1	265	365	----	185	----	445
1	Clark's Fork South	1	1,376	623	----	638	----	1,361
2	Cow Creek	2	165	564	----	531	----	198
8	Cow Creek East	9	1,963	20,993	----	21,207	----	1,749
1	Culbertson	1	498	680	----	861	----	317
11	Cupton	11	7,836	10,006	9,006	2,293	----	6,543
134	Cut Bank	833	34,872	177,949	150,514	25,597	49	36,661
....	Dean Dome	----	553	----	----	----	----	553
1	Deer Creek	1	95	841	468	----	----	468
....	Delphia	----	88	----	----	----	----	88
1	Devil's Basin	1	464	120	184	----	----	400
1	Dry Creek	1	475	1,649	1,878	----	----	246
2	Dwyer	10	4,561	9,563	9,927	----	----	4,197
3	Elk Basin	52	607	91,337	91,351	----	----	593
5	Elk Basin Northwest	9	1,773	4,177	4,377	----	----	1,573
5	Fairview	9	9,440	32,481	12,531	20,780	----	8,610
2	Fertile Prairie	2	771	1,317	----	1,383	----	705
4	Flat Coulee	20	2,412	10,220	10,883	----	----	1,749
6	Flat Lake	67	4,639	49,862	51,586	----	----	2,915
3	Flat Lake South	3	504	1,827	1,814	----	----	517
1	Ft. Gilbert	1	539	6,202	6,352	----	----	389
....	Four Mile Creek	----	106	----	----	----	----	106
1	Frannie	1	----	609	609	----	----	----
8	Fred and George Creek	24	1,642	37,961	38,156	----	----	1,447
1	Froid South	1	270	472	----	423	----	319
1	Gage	1	181	130	----	183	----	128
3	Gas City	15	5,949	15,139	16,769	----	----	4,319
1	Girard	1	961	266	----	----	----	1,227
12	Glendive	14	2,419	19,865	19,314	----	----	2,970
13	Goose Lake	22	3,219	24,214	23,980	----	86	3,367
12	Graben Coulee	35	7,758	5,164	3,189	1,621	7	8,105
5	Gumbo Ridge	5	1,651	13,096	----	11,381	----	3,366
2	Gypsy Basin	2	1,996	529	----	----	----	2,525
1	Hay Creek-Mission Canyon	1	104	830	815	----	----	119
1	Hay Creek-Red River	1	375	2,798	2,770	----	----	403
4	Hiawatha	4	1,986	3,979	3,902	----	----	2,063
1	Hibbard	1	552	439	----	619	----	372
1	Highview	1	----	498	287	----	----	211
1	Howard Coulee	1	297	34	----	----	----	331
5	Ivanhoe	10	1,938	2,602	2,508	----	----	2,032
2	Jim Coulee	18	2,919	44,473	43,517	----	----	3,875
5	Keg Coulee	21	4,662	12,444	12,059	----	51	4,996
2	Keg Coulee North	2	1,002	1,894	2,129	----	----	767
1	Kelley	3	488	3,362	3,215	----	----	635
73	Kevin Sunburst	388	11,454	20,875	18,251	1,767	1	12,310
1	Laird Creek	11	974	1,446	----	1,302	----	1,118
1	Landslide Butte	1	557	200	373	----	----	384
3	Leary	3	1,191	3,353	----	2,220	26	2,298
2	Little Beaver	24	17	41,186	41,148	----	----	55
2	Little Beaver East	9	2,038	12,054	11,611	----	----	2,481
10	Little Wall Creek	11	3,801	30,239	30,224	----	----	3,816
1	Lodge Grass	1	409	755	----	187	----	977
2	Lone Butte	2	992	4,962	----	4,741	----	1,213
7	Lonetree Creek	7	4,971	19,490	----	20,280	----	4,181
3	Lookout Butte (Coral Creek)	30	572	46,848	46,965	----	----	455
2	Mason Lake	2	136	363	373	----	----	126
3	Melstone	3	1,043	1,017	1,271	----	----	789
1	Mineral Bench	1	176	220	----	----	----	396
1	Miner's Coulee	1	----	215	----	215	----	----
9	Monarch	14	3,190	14,195	11,160	2,163	----	4,062
3	Mosser	3	----	493	----	493	----	----
1	Nohly	2	750	8,296	----	8,238	----	808
3	Otis Creek	3	1,731	2,980	----	3,158	----	1,553
6	Outlook	8	4,780	26,403	24,226	----	----	6,957
1	Outlook South	1	1,743	801	1,656	----	----	888
2	Outlook West	2	1,358	984	704	----	----	1,638
1	Pennel	112	----	226,753	226,753	----	----	----
4	Pine	110	12,555	190,012	189,552	----	----	13,015
65	Pondera	264	4,886	24,209	23,360	----	----	5,735
6	Poplar	64	9,723	36,715	38,177	----	90	8,171
6	Poplar Northwest	8	2,492	14,579	14,765	----	----	2,306
1	Prairie Elk	1	747	1,721	889	----	----	1,579
1	Pritchard Creek	1	----	1,135	1,135	----	----	----
1	Putnam	2	242	2,161	----	2,161	----	242
4	Rabbit Hills	4	1,622	1,706	----	1,997	----	1,331
11	Ragged Point	22	5,903	12,334	11,057	----	----	7,180
2	Rattlesnake Coulee	2	496	481	----	400	----	577
6	Raymond	7	1,632	14,875	14,561	----	----	1,946
2	Raymond Northeast	2	1,235	3,397	3,532	----	----	1,100
3	Reagan	52	976	12,938	12,782	----	----	1,132
1	Red Creek	19	----	9,452	9,247	205	----	----
1	Red Fox	1	116	485	437	----	----	164
1	Redstone	1	255	1,210	1,103	----	----	362
1	Repeat	1	280	873	----	533	----	620
3	Reserve	4	2,445	2,524	2,531	----	----	2,438
1	Richey	1	176	97	----	----	----	273
1	Richey Southwest	5	731	902	----	856	----	777
2	Riprap Coulee	2	839	2,149	1,953	----	----	1,035
4	Rosebud	5	1,516	7,171	7,181	----	----	1,506
1	Rush Mountain	1	455	2,000	1,922	----	----	533
2	Salt Lake	3	439	2,654	----	2,622	----	471
3	Sand Creek	4	727	(58)	(254)	----	----	923
3	Second Creek	3	1,163	8,710	----	8,697	----	1,176
3	Sheepherder	3	707	1,085	988	----	----	804
5	Sioux Pass	6	2,777	25,485	24,822	----	----	3,440
6	Sioux Pass North	6	651	22,828	22,416	----	----	1,063
1	Snyder	3	341	385	----	201	----	525
8	Soap Creek	22	2,399	4,828	3,923	----	352	2,952
1	Spring Lake	2	446	1,108	----	792	----	762
5	Stensvad	10	5,292	19,008	19,017	----	----	5,283
24	Sumatra	96	18,448	179,352	183,579	----	775	13,446
5	Tule Creek	5	1,422	15,410	----	14,519	----	2,313
2	Tule Creek East	2	912	932	----	851	----	993
3	Tule Creek South	3	1,405	1,314	----	2,112	----	607
2	Vida	2	487	539	----	340	----	686
5	Volt	6	3,162	9,189	----	9,502	----	2,849
2	Wagon Box	2	409	410	----	----	----	819
3	Weldon	3	878	3,559	3,440	----	----	997
1	West Butte	1	----	971	----	971	----	----
23	Whitlash	51	9,632	12,511	12,383	----	----	9,760
....	Whitlash West	----	284	----	----	----	----	284
2	Willow Creek North	2	331	1,490	1,245	----	----	576
1	Willow Ridge	1	----	177	177	----	----	----
2	Wills Creek South	2	----	2,298	2,298	----	----	----
4	Winnett Junction	4	733	2,959	----	2,915	----	777
2	Wolf Springs	2	926	1,219	----	1,386	----	759
2	Woodrow	2	113	564	452	----	----	225
3	Wright Creek	3	1,409	953	1,133	----	----	1,229
....	Wildcat, Liberty Co.	----	47	----	----	----	----	47
....	Wildcat, McCone Co.	----	52	----	----	----	----	52
2	Wildcat, Musselshell County	2	542	1,505	----	1,437	----	610
3	Wildcat, Richland Co.	3	1,481	22,894	----	22,045	----	2,330
1	Wildcat, Roosevelt Co.	2	252	1,095	----	1,148	----	199
1	Wildcat, Rosebud County	1	636	2,383	----	2,566	----	453
1	Wildcat, Toole Co.	1	343	95	----	203	----	235
758	TOTALS	3,138	312,369	2,706,999	2,452,109	243,433	1,437	322,389

*Montana oil only. **Includes Wyoming Oil.

TRANSPORTERS REPORT—MONTH OF APRIL, 1976

	Storage First of Month	Oil Received By			Loss or Gain	Oil Shipped to[5]			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Western Crude Oil Co.			530				530		
BAINVILLE—Koch Oil Company			917				917		
BEAR'S DEN—Truck			610				610		
BELL CREEK—Continental Pipeline	24,743	691,336						690,273	25,806
BIG WALL—Continental Pipeline Co.		5,404				5,404			
BLACKFOOT—Phillips Petroleum Co.		1,045						1,045	
BORDER—Permian Corp.			1,026					1,026	
BOWES—Texaco		11,030					11,030		
BRORSON-MADISON, BRORSON-RED RIVER & BRORSON-RED RIVER SOUTH—Koch Oil Co.			10,710					10,710	
BRUSH LAKE—Portal Pipeline Co.		9,166					9,166		
BURNS CREEK—Western Crude Oil, Inc.			800				800		
CABIN CREEK & OTHERS[1]—									
Butte Pipeline Co.	268,192	382,207	38,314	1,175,755		76,688	1,534,402		234,378
Shell Pipeline Co.	4,333	287,935		44,272	(450)			329,364	7,626
	272,525	670,142	38,314	1,220,027	(450)	76,688	1,553,402	329,364	242,004
CANAL—Koch Oil Co.			1,772				1,772		
CAT CREEK—Continental Pipeline Co.		9,109				9,109			
CLARK'S FORK AND CLARK'S FORK SOUTH—Permian Corp.			823				823		
COW CREEK & COW CREEK EAST—Western Crude Oil, Inc.			21,738				21,738		
CUT BANK—									
Continental Pipeline Co.		200,444	7,930					208,374	
Phillips Petroleum Co.	35,381	68,566		94,746	(61)	108,472			90,282
Texas Pipeline Co.	19,160	19,407		47,778		69,368			16,977
Union Oil Co.	45,425	39,722			364	53,346			31,437
Western Oil Trans. Co.		21,406				21,406			
Western Oil Trans. Co. (Moulton)		59,068				59,068			
	99,966	408,613	7,930	142,524	303	311,660		208,374	138,696
DWYER—Portal Pipeline Co.		9,927					9,927		
ELK BASIN & ELK BASIN NORTHWEST—Marathon Pipeline Co.		95,728				95,728			
FAIRVIEW—									
Fairview Pipeline Co.		12,531					12,531		
Koch Oil Co.			20,780				20,780		
		12,531	20,780				33,311		
FLAT COULEE—Phillips Petroleum Co.		10,883				10,883			
FLAT LAKE & FLAT LAKE SOUTH—Portal Pipeline Co.		49,749					49,749		
FT. GILBERT—Fairview Pipeline Co.		6,352					6,352		
FRANNIE—Interstate Pipeline Co.		609					609		
FRED & GEORGE CREEK—Phillips Petroleum Co.	12,962	38,156			498	30,553			20,067
GAGE—Truck			183			183			
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—Texas Pipeline Co.	5,137	18,256						18,661	4,732
GOOSE LAKE—Portal Pipeline Co.		21,405					21,405		
GUMBO RIDGE—Permian Corp.			11,381					11,381	
HAY CREEK—Fairview Pipeline Co.		3,635					3,635		
HIAWATHA—Continental Pipeline Co.		3,902					3,902		
IVANHOE—Continental Pipeline Co.		2,508				2,508			
JIM COULEE—Continental Pipeline Co.		43,517				43,517			
KEG COULEE & KEG COULEE NORTH—Continental Pipeline Co.		14,188				14,188			
KELLY—Continental Pipeline Co.		3,215				3,215			
KEVIN SUNBURST—									
Big West Oil Co.	5,400	16,471				16,349			5,522
Homestake Oil & Gas Co.	1,094	2,439				2,374			1,159
Texas Pipeline Co.	17,237	7,414				7,557			17,094
Northern Montana Oil Service	1,939	16,079				16,470			1,548
	25,670	42,403				42,750			25,323
LEARY—Permian Corp.			2,220				2,220		
LODGE GRASS—Permian Corp.			187			187			
LONE TREE CREEK—Koch Oil Co.			20,280					20,280	
MASON LAKE—Continental Pipeline Co.		373				373			
MELSTONE—Continental Pipeline Co.		1,271				1,069	202		
MIDDLE WALL—Continental Pipeline Co.[2]		26,663					26,663		
MOSSER—Permian Corp.			493				493		
NOHLY—Koch Oil Co.			8,238				8,238		
OTIS CREEK—Western Crude Oil Co.			3,158				3,158		
OUTLOOK, OUTLOOK SOUTH & OUTLOOK WEST—Portal Pipeline Co.		26,586						26,586	
PONDERA—Phillips Petroleum Co.	28,682	24,253			(11)	19,719			33,227
POPLAR, RED FOX, REDSTONE—East Poplar Gathering System	10,224	47,390			84			45,039[3]	12,491
PUTNAM—Western Crude Oil Co.			2,161				2,161		
RABBIT HILLS—Koch Oil Co.			1,997				1,997		
RAGGED POINT—Continental Pipeline Co.		11,057				9,654	1,403		
RAYMOND—Portal Pipeline Co.		14,561					14,561		
RED CREEK—Western Oil Transportation Co.		13,751						13,751	
RESERVE—Portal Pipeline Co.		2,531					2,531		
RIPRAP COULEE—Portal Pipeline Co.		1,953						1,953	
ROSEBUD—Continental Pipeline Co.		7,181				7,181			
RUSH MOUNTAIN—Sinclair Ref. Co.		1,922					1,922		
SALT LAKE—Koch Oil Co.			2,622				2,622		
SECOND CREEK—Koch Oil Co.			8,697				8,697		
SHEEPHERDER—Continental Pipeline Co.		988						988	
SIOUX PASS—Continental Pipeline Co.		47,238					47,238		
SNYDER—Permian Corp.			201			201			
SPRING LAKE—Koch Oil Co.			792				792		
SUMATRA & STENSVAD—Continental Pipeline Co.	838,546	195,536		1,805,499	2,221	170,920		1,943,544	722,896
TULE CREEK, BENRUD, VOLT & OTHERS[4]—									
Tesoro Petroleum	8,442		41,061			36,899			12,604
Permian Corp.			2,112			2,112			
	8,442		43,173			39,011			12,604
WHITLASH & WHITLASH WEST—Phillips Petroleum Co.		12,383				12,383			
WINNETT JUNCTION—Truck			2,915			2,915			
WOLF SPRINGS—Permian Corp.			1,386			1,386			
WILDCAT WELLS—Truck			27,399					27,399	
TOTAL	1,326,897	2,618,446	243,433	3,168,050	2,645	911,385	1,854,576	3,350,374	1,237,846

[1]Cabin Creek, Cupton, Fertile Prairie, Gas City, Monarch, Repeat, Vida, Weldon and Wills Creek South.
[2]Little Wall Creek and Willow Creek North.
[3]Transferred to Butte Pipeline Co.
[4]Benrud, Benrud East, Benrud Northeast, Culbertson, Froid, Four Buttes, Tule Creek, Tule Creek East, Richey Southwest and Volt.
[5]Other States and Connecting Carrier columns are almost all exported crude with the exception of the Northwestern fields.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF APRIL, 1976

	Big West Oil Co.	Continental Oil Co.	Exxon Co.	Farmers Union	Phillips Petr. Co.	Tesoro Petr. Co.	Westco Refining Co.	Total
Big Wall		5,404						5,404
Cat Creek		1,895		7,214				9,109
Cut Bank					57,267		126,015	183,282
Elk Basin		44,180	30,021	21,527				95,728
Flat Coulee							10,883	10,883
Fred and George Creek	8,500							8,500
Ivanhoe		2,508						2,508
Jim Coulee				23,644				23,644
Keg Coulee		9,171	818	4,199				14,188
Kelley			3,215					3,215
Kevin Sunburst	7,849							7,849
Lodge Grass		187						187
Mason Lake		373						373
Melstone				1,069				1,069
Pondera					6,894			6,894
Ragged Point		9,654						9,654
Rosebud		7,181						7,181
Richey Southwest						1,201		1,201
Snyder		201						201
Sumatra and Stensvad		65,985	85,918	49,721				201,624
Tule Creek and Others						53,423		53,423
Whitlash					20,014			20,014
Winnett Junction				2,915				2,915
Wolf Springs			1,386					1,386
Volt						19,106		19,106
TOTAL Montana Oil	16,349	146,739	121,358	110,289	84,175	73,730	136,898	689,538
Canadian Oil Imported	12,203	850,596	517,053	387,670	40,001			1,807,523
Wyoming Oil Imported		388,272	595,522	411,583				1,395,377
TOTAL Montana, Canadian and Wyoming Oil	28,552	1,385,607	1,233,933	909,542	124,176	73,730	136,898	3,892,438

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year: 1975	24,463	53,077	54,237	131,777
April, 1975	22,479	52,734	41,669	116,882
April, 1976	22,985	60,251	46,512	129,748

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
	18.56%	40.28%	41.16%
	19.23%	45.12%	35.65%
	17.71%	46.44%	35.85%

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1975	32,843,558	89,982	32,601,792	89,320
First Quarter, 1976	8,148,656	89,546	8,157,809	89,646
April, 1976	2,706,999	90,233	2,695,542	89,851

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil In Storage**
December, 1975	325,804	1,339,123	1,000,787	2,665,714
March, 1976	312,369	1,326,897	1,202,879	2,842,145
April, 1976	322,389	1,237,846	1,360,136	2,920,371

*Montana oil only. **Includes Wyoming oil.